



Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/584981
				Filing Date	Dec. 31, 2004
				First Named Inventor	Keyvan Behnam
				Art Unit	1651
				Examiner Name	Ford, Allison
Sheet	1	of	13	Attorney Docket Number	187124/US/3

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*Examiner Initials	Cite No.	DOCUMENT NUMBER Number – Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/A.F./		US 2002/0058947	05-16-2002	Hochschuler et al.	
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/A.F./		US 2009/0155378	06-18-2009	Behnam et al.	
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/A.F./		US 5,830,493	11-03-1998	Yokota et al	

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/A.F./		US 5,846,484	12-08-1998	Scarborough et al.	
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/A.F./		US 6,595,998	07-22-2003	Johnson et al.	

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		US 6,843,807	01-18-2005	Boyce et al.	
		US 6,884,428	04-26-2005	Binette et al.	
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		US 6,989,029	01-24-2006	Bonutti	
		US 7,001,390	02-21-2006	Gebhardt et al.	
		US 7,008,591	03-07-2006	Kafesjian et al.	
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		US 7,220,282	05-22-2007	Kuslich	

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/A.F./		US 7,226,481	06-05-2007	Kuslich	
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		Country Code:	Number - Kind Code (if known)				YES	NO
/A.F./		DE	693 24 117 T2	06-29-1994	Jacques Fages et al.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		EP	0 082 621	06-29-1983	Collagen Corp.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		EP	0 148 155	04-19-1989	International Genetic Engineering, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		EP	0 212 474	03-04-1987	University of California		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		EP	0 309 241	03-29-1989	Collagen Corp.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		EP	0 603 920 A1	06-29-1994	Bioland		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	1988/000205	01-14-1988	Genetics Institute, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	1988/001517	03-10-1988	Materials Consultants		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	1990/003733	04-19-1990	International Genetic Engineering, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	1995/031948	11-30-1995	Kuslich		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	1996/039170	12-12-1996	Genetics Institute, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2000/013615	03-16-2000	Lanka Limited		<input type="checkbox"/>	<input type="checkbox"/>

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		Country Code:	Number - Kind Code (if known)				YES	NO
/A.F./		WO	2000/045870	08-10-2000	SDGI Holdings, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2000/047736	08-17-2000	Osteogenetics, GmbH		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2004/073563 A	09-02-2004	Depuy Spine Inc. et al.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2006/076712	07-20-2006	Osteotech, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2007/053850	05-10-2007	Osteotech, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
/A.F./		WO	2007/133451	11-22-2007	Osiris Therapeutics, Inc.		<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/A.F./		Aspenberg et al., "Monkey Bone Matrix Induces Bone Formation in the Athymic Rat, but Not in Adult Monkeys," <i>J. of Orthop. Res.</i> 9:20-25 (1991).		
/A.F./		Aspenberg P. et al., "Bone morphogenetic protein induces bone in the squirrel monkey, but bone matrix does not", <i>Acta Orthop Scand.</i> 63(6): 619-22 (December 1992).		
/A.F./		Blumenthal et al. "The use of collagen membrane barriers in conjunction with combined demineralized bone-collagen gel implants in human infrabony defects," <i>J. Periodontal</i> 61(6): 319-327 (June 1990).		
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/A.F./		Bravo, D.A. et al., "Accurate and Efficient Cleavage of the Human Insulin Proreceptor by the Human Proprotein-Processing Protease Furin," <i>Journal Biol Chem.</i> 269: 25830-25873 (1994).		
/A.F./		Cameron, A. et al., "Polyarginines are potent inhibitors," <i>J. Biol. Chem.</i> 275: 36741-36749 (2000).		
/A.F./		Canalis et al., "Stimulation of DNA and Collagen Synthesis by Autologous Growth Factor in Cultured Fetal Rat Calvaria," <i>Science</i> , 210:1021-1023 (1980).		

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/A.F./		Caplanis et al., "Effect of allogenic freeze-dried demineralized bone matrix on guided tissue regeneration in dogs," <i>J. Periodontal</i> , 851-856 (August 1998).		
/A.F./		Constantino, et al. "Bone Healing and Bone Substitutes," <i>Facial Plastic Surgery</i> 18(1): pp. 14-26 (2002).		
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/A.F./		Enlow, Donald H., "Principles of Bone Remodeling: An Account of Post-natal Growth and remodeling Processes in Long Bones and the Mandible," Charles C. Thomas, Springfield, Ill., (1963).		
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/A.F./		Fujishiro, et al. "Histological evaluation of an impacted bone graft substitute composed of a combination of mineralized and demineralized allograft in a sheep vertebral bone defect," <i>Journal of Biomedical Materials Research Part A</i> , 538-544 (Aug. 4, 2006)		
/A.F./		Gamradt, et al. "Bone Graft for Revision Hip Arthroplasty", <i>Clin. Ortho. and Related Research</i> , 417: 183-194 (2003).		
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/A.F./		Glowacki, "Cellular Reactions to Bone-Derived Material," <i>Clin. Ortho. and Related Research</i> , 324: 47-54 (1996).		
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/A.F./		Hollinger, et al. "A comparison of four particulate bone derivatives," <i>Clin. Ortho. and Related Research</i> , 267: 255-263 (June 1991).		
/A.F./		Hunziker et al., "Repair of Partial Thickness Defects in Articular Cartilage: Cell Recruitment From the Synovial Membrane", <i>Journal Bone Joint Surg.</i> , 78-A: 721-733 (1996).		
/A.F./		Iwata et al. "Chemosterilized Autolyzed Antigen-Extracted Allogeneic (AAA) Bone Matrix Gelatin for Repair of Defects from Excision of Benign Bone Tumors," <i>Clin. Ortho and Related Research</i> , 154: 150-155 (1981).		

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			YES	NO
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/A.F./		Jean et al., "Alpha 1-Antitrypsin Portland, a bioengineered serpin highly selective for furin: Application as an antipathogenic agent", <i>Proc. Natl. Acad. Sci., USA</i> 95: 7293-7298 (1998).		
/A.F./		Johnson et al. "Human Bone Morphogenetic Protein Allografting for Reconstruction of Femoral Nonunion," <i>Clin. Ortho. and Related Research</i> , 371: 61-74 (2000).		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	Dec. 31, 2004
				First Named Inventor	Keyvan Behnam
				Art Unit	1651
				Examiner Name	Ford, Allison
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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			YES	NO
/A.F./		Lewandrowski et al., "An Electron Microscopic Study on the Process of Acid Demineralization of Cortical Bone," <i>Calcified Tissue Int.</i> 61:294-297 (1997).		
/A.F./		Lieberman, et al. "Treatment of Osteonecrosis of the Femoral Head with Core Decompression and Human Bone Morphogenetic Protein," <i>Clin. Ortho. and Related Research</i> , 429: 139-145 (2004).		
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			YES	NO	
/A.F./		Ripamonti et al. "The induction of bone in osteogenic composites of bone matrix and porous hydroxyapatite replicas: Experimental study on the baboon," <i>Oral Maxillofac. Surg.</i> 9: 817-830 (1991).			
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			YES	NO
/A.F./		Serini et al., "Class 3 semaphorins control vascular morphogenesis by inhibiting integrin function," <i>Nature</i> , 424:391-397 (July 2003).		
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			YES	NO			
/A.F./		Wang et al., "Purification and characterization of other distinct bone-inducing factors," <i>Proc. Nat. Acad. Sci.</i> 85:9484-9488 (1988).					
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